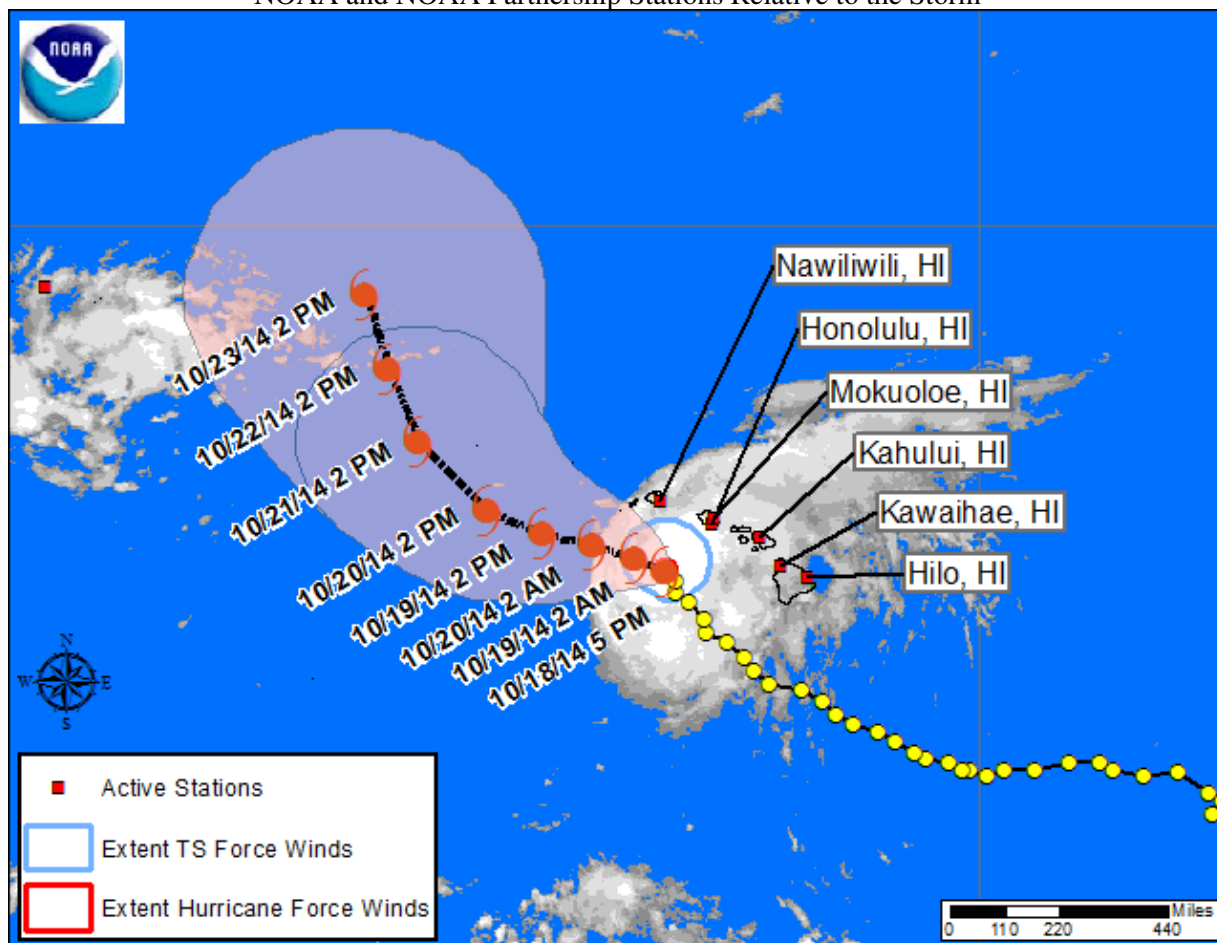


Hurricane ANA QuickLook, POSTED 18:00 HST 10/18/2014



Hurricane ANA QuickLook
Posted: 18:00 HST 10/18/2014

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 10/18/2014 18:00 HST, water levels across the Hawaiian Islands are between 0 and 0.5 feet above normal tide levels. Winds are steady, with gusts up to 11 knots. Barometric pressure continues to follow the normal diurnal cycle.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook](#) Homepage.

Analyst: AC

SELECT CENTRAL PACIFIC HURRICANE CENTER ADVISORY INFORMATION:

HURRICANE ANA ADVISORY NUMBER 22

NWS CENTRAL PACIFIC HURRICANE CENTER HONOLULU HI

500 PM HST SAT OCT 18 2014

...ANA CONTINUING TO MOVE NORTHWEST AND WILL PASS DANGEROUSLY CLOSE TO KAUAI COUNTY TONIGHT...

WATCHES AND WARNINGS

CHANGES IN WATCHES AND WARNINGS WITH THIS ADVISORY...

A TROPICAL STORM WARNING HAS BEEN ISSUED FOR KAUAI COUNTY.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT...

A TROPICAL STORM WARNING IS IN EFFECT FOR...

* KAUAI COUNTY INCLUDING THE ISLANDS OF KAUAI AND NIIHAU

A TROPICAL STORM WATCH IS IN EFFECT FOR...

* OAHU

A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED SOMEWHERE WITHIN THE WARNING AREA...IN THIS CASE MAINLY NEAR THE ISLAND OF NIIHAU DURING THE NEXT 24 HOURS.

A TROPICAL STORM WATCH MEANS THAT TROPICAL STORM CONDITIONS ARE POSSIBLE WITHIN THE WATCH AREA...IN THIS CASE WITHIN THE NEXT 24 HOURS.

INTERESTS IN THE PAPA HANAU MOKU AKEA MARINE NATIONAL MONUMENT AREA SHOULD CLOSELY MONITOR THE PROGRESS OF ANA.

FOR STORM INFORMATION SPECIFIC TO YOUR AREA...PLEASE MONITOR PRODUCTS ISSUED BY THE NATIONAL WEATHER SERVICE OFFICE IN HONOLULU HAWAII.

DISCUSSION AND 48-HOUR OUTLOOK

AT 500 PM HST THE CENTER OF HURRICANE ANA WAS LOCATED ABOUT 145 MI SOUTH OF LIHUE HAWAII. ANA IS MOVING TOWARD THE NORTHWEST NEAR 8 MPH. A DECREASE IN FORWARD MOTION IS EXPECTED THIS EVENING ALONG WITH A TURN TO THE

WEST-NORTHWEST THAT WILL CONTINUE THROUGH SUNDAY. ON THE FORECAST TRACK...THE CENTER OF ANA WILL PASS ABOUT 95 MILES SOUTH OF NIIHAU TONIGHT AND EARLY SUNDAY...115 MILES SOUTHWEST OF KAUAI TONIGHT... AND 120 MILES SOUTHWEST OF OAHU THIS EVENING. A GRADUAL TURN TO THE NORTHWEST IS EXPECTED ON MONDAY AS THE SYSTEM IS FORECAST TO BE WELL WEST OF THE MAIN HAWAIIAN ISLANDS.

MAXIMUM SUSTAINED WINDS ARE NEAR 80 MPH WITH HIGHER GUSTS. SOME WEAKENING IS FORECAST DURING THE NEXT 48 HOURS...WITH ANA EXPECTED TO WEAKEN BELOW HURRICANE STRENGTH ON SUNDAY NIGHT.

HURRICANE FORCE WINDS EXTEND OUTWARD UP TO 25 MILES FROM THE CENTER...AND TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 105 MILES.

THE ESTIMATED MINIMUM CENTRAL PRESSURE IS 987 MB.

HAZARDS AFFECTING LAND

WIND...TROPICAL STORM CONDITIONS ARE EXPECTED OVER KAUAI COUNTY TONIGHT AND SUNDAY...MAINLY NEAR NIIHAU AND WATERS TO THE SOUTH. TROPICAL STORM CONDITIONS ARE POSSIBLE OVER OAHU TONIGHT.

SURF...LARGE SWELLS PRODUCED BY ANA WILL CONTINUE TO IMPACT MOST OF THE MAIN HAWAIIAN ISLANDS TONIGHT. SURF PRODUCED BY THESE SWELLS COULD POTENTIALLY BE DAMAGING ALONG EXPOSED SOUTHERN AND SOUTHEASTERN SHORELINES AND WILL PERSIST ALONG MOST ISLANDS THROUGH SUNDAY.

RAINFALL...BANDS OF HEAVY RAINFALL ASSOCIATED WITH ANA WILL MOVE OVER THE MAIN HAWAIIAN ISLANDS THROUGH TONIGHT AND WILL REMAIN OVER THE WESTERN HALF OF THE ISLAND CHAIN ON SUNDAY.

NEXT ADVISORY

NEXT INTERMEDIATE ADVISORIES...700 PM HST AND 900 PM HST.

NEXT COMPLETE ADVISORY...1100 PM HST.

FORECASTER WROE

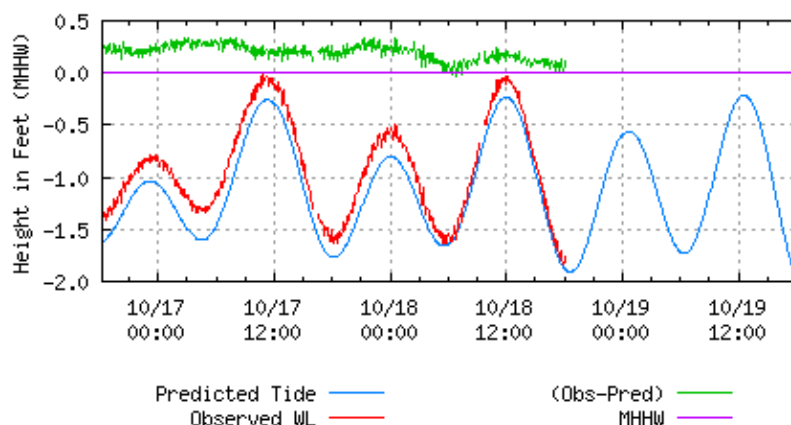
For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Hurricane ANA QuickLook, POSTED 18:00 HST 10/18/2014

Jump to: [Hilo, Hilo Bay, Kuhio Bay - Water Level](#), [Hilo, Hilo Bay, Kuhio Bay - Winds](#), [Hilo, Hilo Bay, Kuhio Bay - Barometric](#), [Kawaihae - Water Level](#), [Kawaihae - Winds](#), [Kahului, Kahului Harbor - Water Level](#), [Kahului, Kahului Harbor - Winds](#), [Kahului, Kahului Harbor - Barometric](#), [Mokuoloe - Water Level](#), [Mokuoloe - Winds](#), [Mokuoloe - Barometric](#), [Honolulu - Water Level](#), [Honolulu - Winds](#), [Honolulu - Barometric](#), [Nawiliwili - Water Level](#)

Hurricane ANA QuickLook, POSTED 18:00 HST 10/18/2014

NOAA/NOS/CO-OPS 1617760 Hilo, Hilo Bay, Kuhio Bay, HI
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



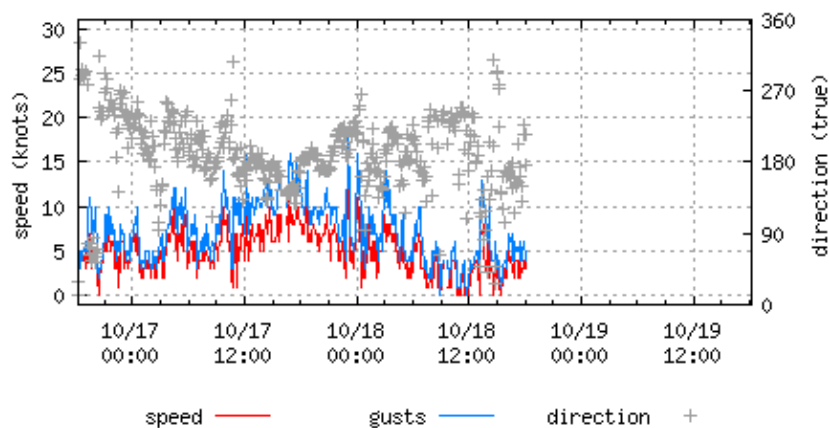
Last Observed Sample: 10/18/2014 18:06 (HST). Data relative to MHHW

Observed: -1.77 ft. Predicted: -1.89 ft. Residual: 0.12 ft.

Historical Maximum Water Level: Jan 20 1981, 1.37 ft.

Next High Tide: 10/19/2014 00:39 (HST), -0.56 ft.

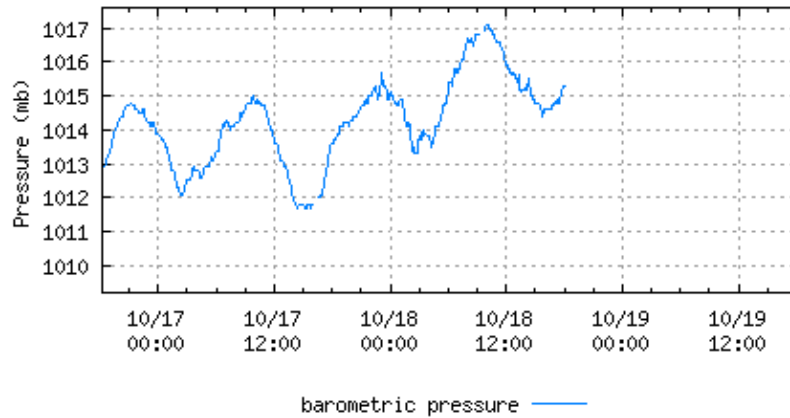
NOAA/NOS/CO-OPS 1617760 Hilo, Hilo Bay, Kuhio Bay, HI
Wind Speed / Gusts / Direction



Last Observed Sample: 10/18/2014 18:06 (HST)

Wind Speed: 3 knots Gusts: 4 knots Direction: 177° T

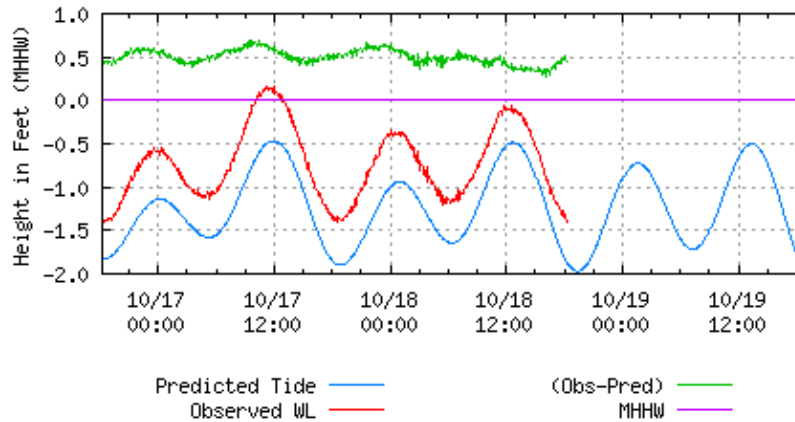
NOAA/NOS/CO-OPS 1617760 Hilo, Hilo Bay, Kuhio Bay, HI
Barometric Pressure



Last Observed Sample: 10/18/2014 18:06 (HST)

Barometric Pressure: 1015.3 mb

NOAA/NOS/CO-OPS 1617433 Kawaihae, HI
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Last Observed Sample: 10/18/2014 18:12 (HST). Data relative to MHHW

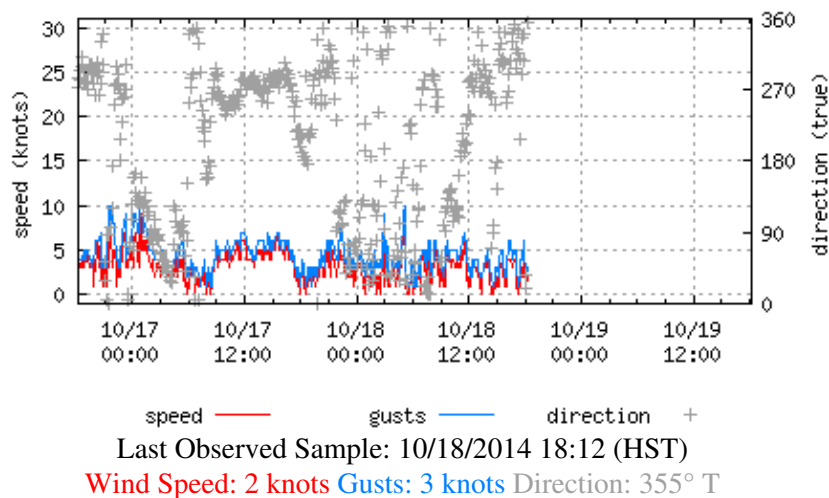
Observed: -1.41 ft. Predicted: -1.86 ft. Residual: 0.45 ft.

Historical Maximum Water Level: Dec 13 2008, 1.22 ft.

Next High Tide: 10/19/2014 01:34 (HST), -0.73 ft.

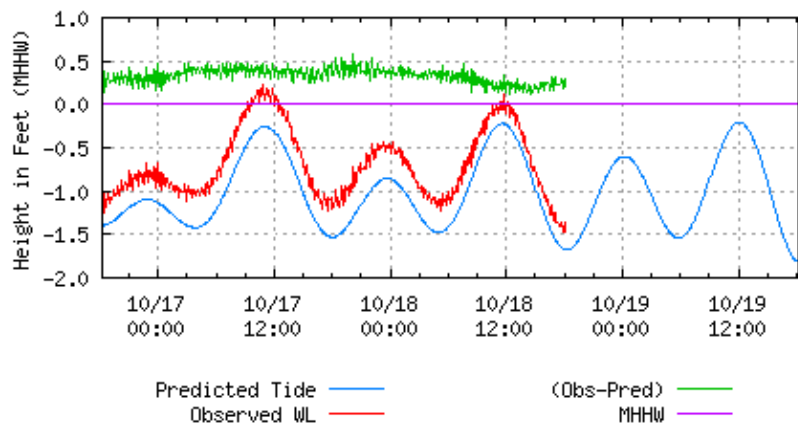
NOAA/NOS/CO-OPS 1617433 Kawaihae, HI

Wind Speed / Gusts / Direction



NOAA/NOS/CO-OPS 1615680 Kahului, Kahului Harbor, HI

Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Last Observed Sample: 10/18/2014 18:06 (HST). Data relative to MHHW

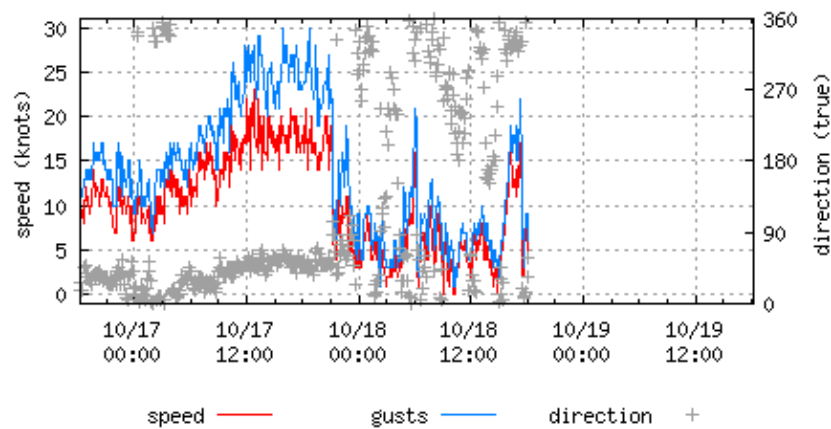
Observed: -1.47 ft. Predicted: -1.67 ft. Residual: 0.20 ft.

Historical Maximum Water Level: Dec 20 1968, 1.23 ft.

Next High Tide: 10/19/2014 00:11 (HST), -0.60 ft.

NOAA/NOS/CO-OPS 1615680 Kahului, Kahului Harbor, HI

Wind Speed / Gusts / Direction

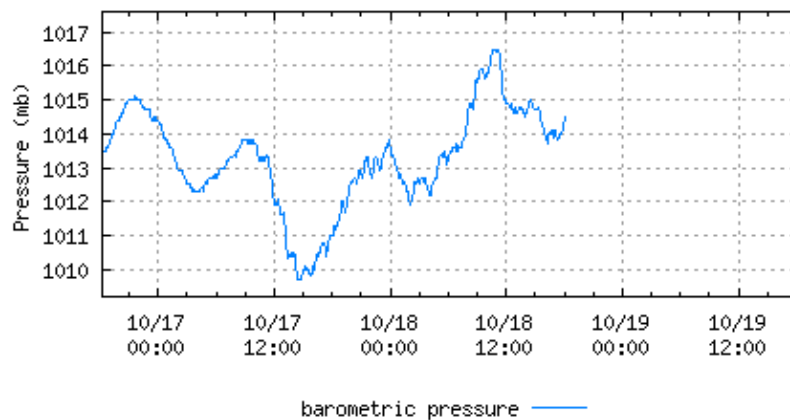


Last Observed Sample: 10/18/2014 18:06 (HST)

Wind Speed: 4 knots Gusts: 6 knots Direction: 58° T

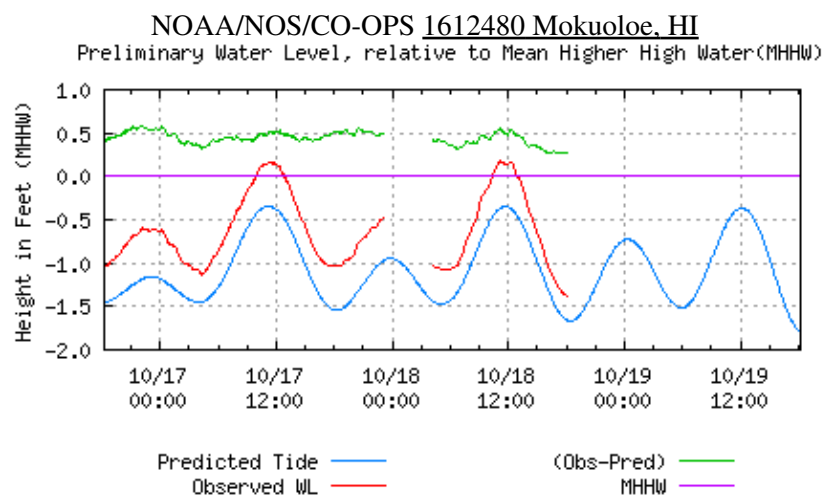
NOAA/NOS/CO-OPS 1615680 Kahului, Kahului Harbor, HI

Barometric Pressure



Last Observed Sample: 10/18/2014 18:06 (HST)

Barometric Pressure: 1014.5 mb

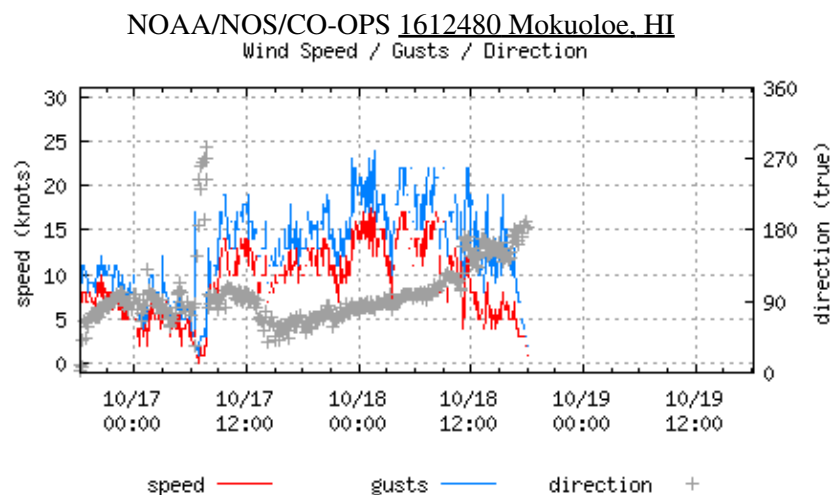


Last Observed Sample: 10/18/2014 18:06 (HST). Data relative to MHHW

Observed: -1.39 ft. Predicted: -1.66 ft. Residual: 0.27 ft.

Historical Maximum Water Level: Jan 8 1974, 1.46 ft.

Next High Tide: 10/19/2014 00:20 (HST), -0.73 ft.

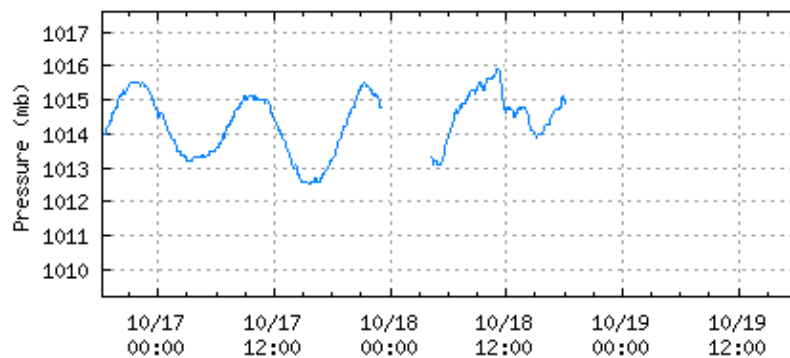


Last Observed Sample: 10/18/2014 18:06 (HST)

Wind Speed: 1 knots Gusts: 2 knots Direction: 183° T

NOAA/NOS/CO-OPS 1612480 Mokuoloe, HI

Barometric Pressure



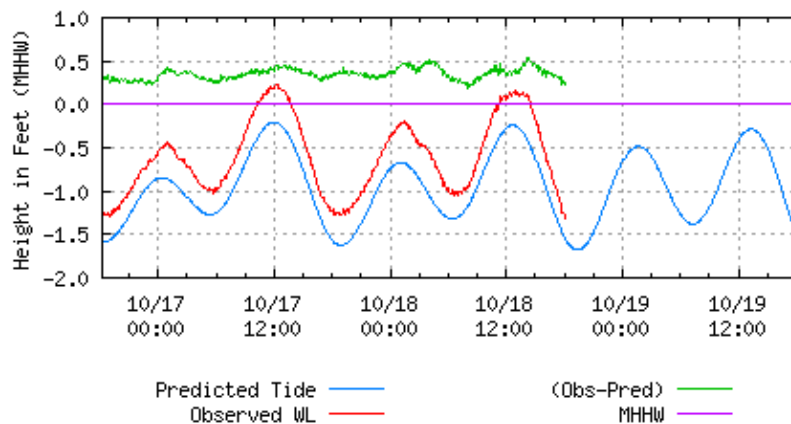
barometric pressure —

Last Observed Sample: 10/18/2014 18:06 (HST)

Barometric Pressure: 1014.9 mb

NOAA/NOS/CO-OPS 1612340 Honolulu, HI

Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Last Observed Sample: 10/18/2014 18:06 (HST). Data relative to MHHW

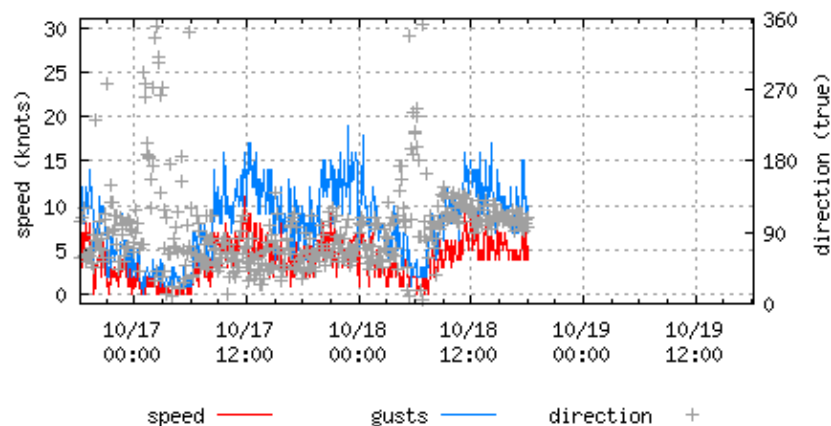
Observed: -1.31 ft. Predicted: -1.55 ft. Residual: 0.24 ft.

Historical Maximum Water Level: Feb 14 1967, 1.49 ft.

Next High Tide: 10/19/2014 01:37 (HST), -0.48 ft.

NOAA/NOS/CO-OPS 1612340 Honolulu, HI

Wind Speed / Gusts / Direction

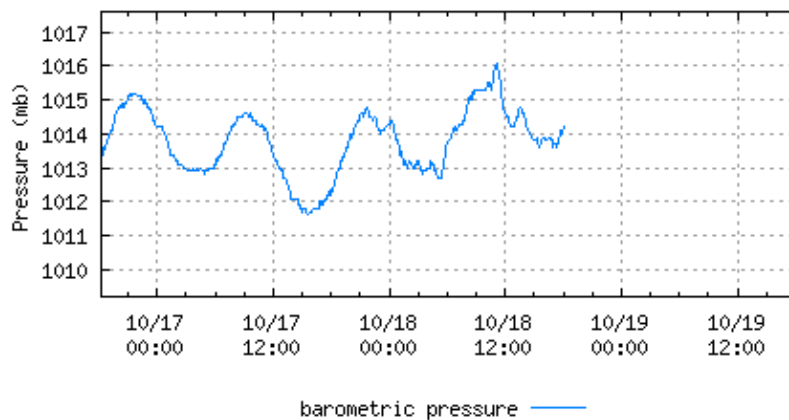


Last Observed Sample: 10/18/2014 18:06 (HST)

Wind Speed: 4 knots Gusts: 10 knots Direction: 109° T

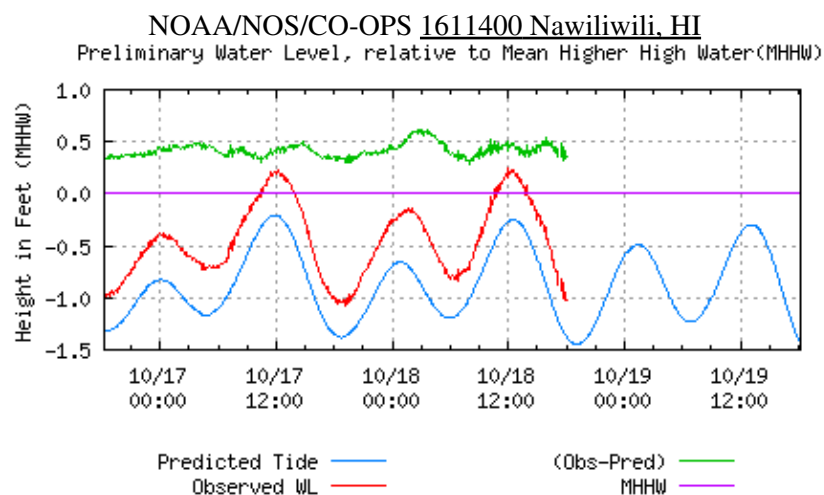
NOAA/NOS/CO-OPS 1612340 Honolulu, HI

Barometric Pressure



Last Observed Sample: 10/18/2014 18:06 (HST)

Barometric Pressure: 1014.2 mb



Last Observed Sample: 10/18/2014 18:06 (HST). Data relative to MHHW

Observed: -1.03 ft. Predicted: -1.39 ft. Residual: 0.36 ft.

Historical Maximum Water Level: Sep 11 1992, 3.15 ft.

Next High Tide: 10/19/2014 01:23 (HST), -0.49 ft.

Hurricane ANA QuickLook, POSTED 18:00 HST 10/18/2014

Latest Water Level Observations on MHHW

Station ID	Station Name	Date/Time	Observed Water Level	Predicted Tide	Residual Water Level	24 Hour Maximum Storm Tide
1617760	Hilo, Hilo Bay, Kuhio Bay, HI	10/18/2014 18:06 (HST)	-1.77 ft	-1.89 ft	0.12 ft	-0.03 ft
1617433	Kawaihae, HI	10/18/2014 18:12 (HST)	-1.41 ft	-1.86 ft	0.45 ft	-0.06 ft
1615680	Kahului, Kahului Harbor, HI	10/18/2014 18:06 (HST)	-1.47 ft	-1.67 ft	0.20 ft	0.11 ft
1612480	Mokuoloe, HI	10/18/2014 18:06 (HST)	-1.39 ft	-1.66 ft	0.27 ft	0.18 ft
1612340	Honolulu, HI	10/18/2014 18:06 (HST)	-1.31 ft	-1.55 ft	0.24 ft	0.16 ft
1611400	Nawiliwili, HI	10/18/2014 18:06 (HST)	-1.03 ft	-1.39 ft	0.36 ft	0.24 ft

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce